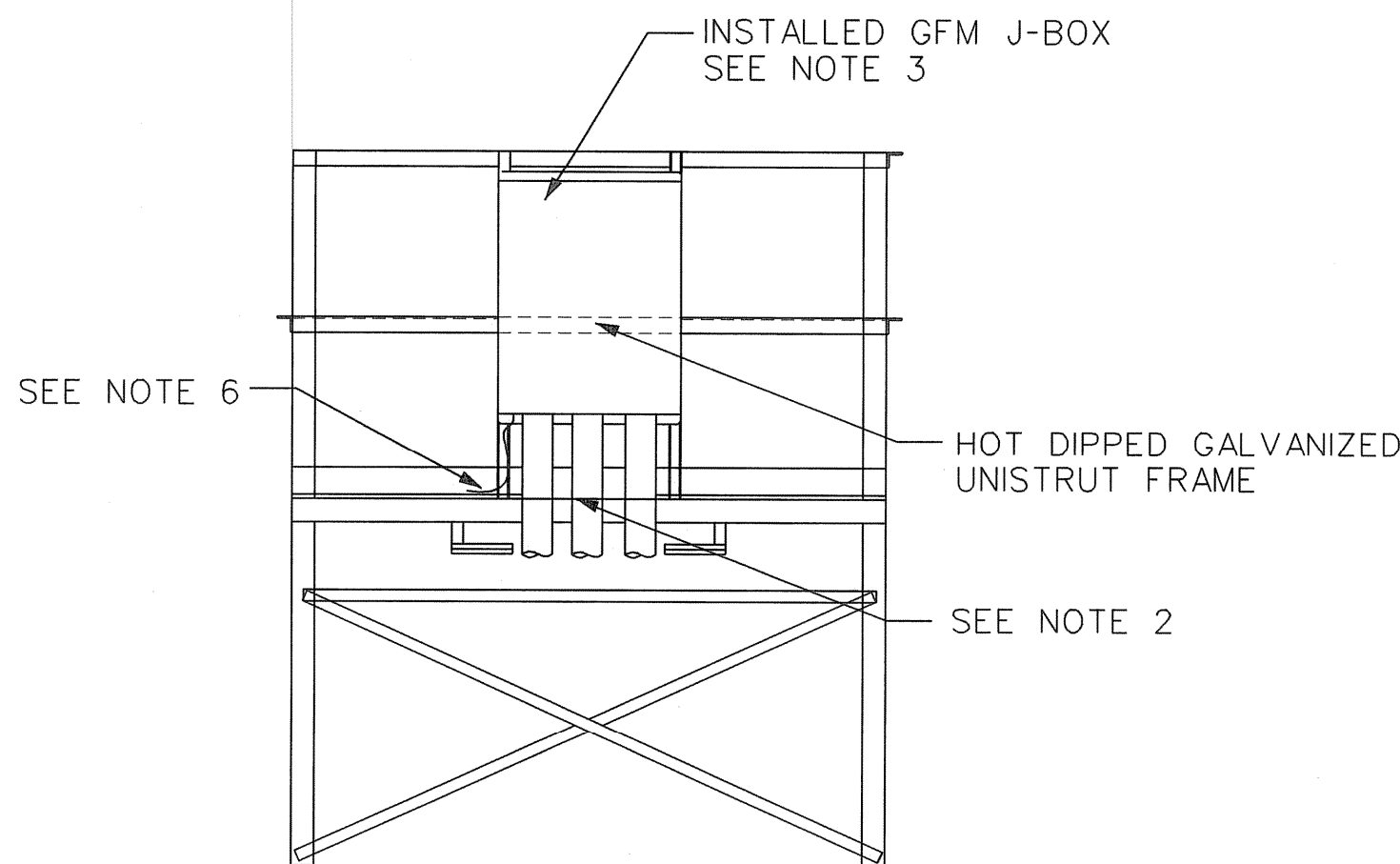
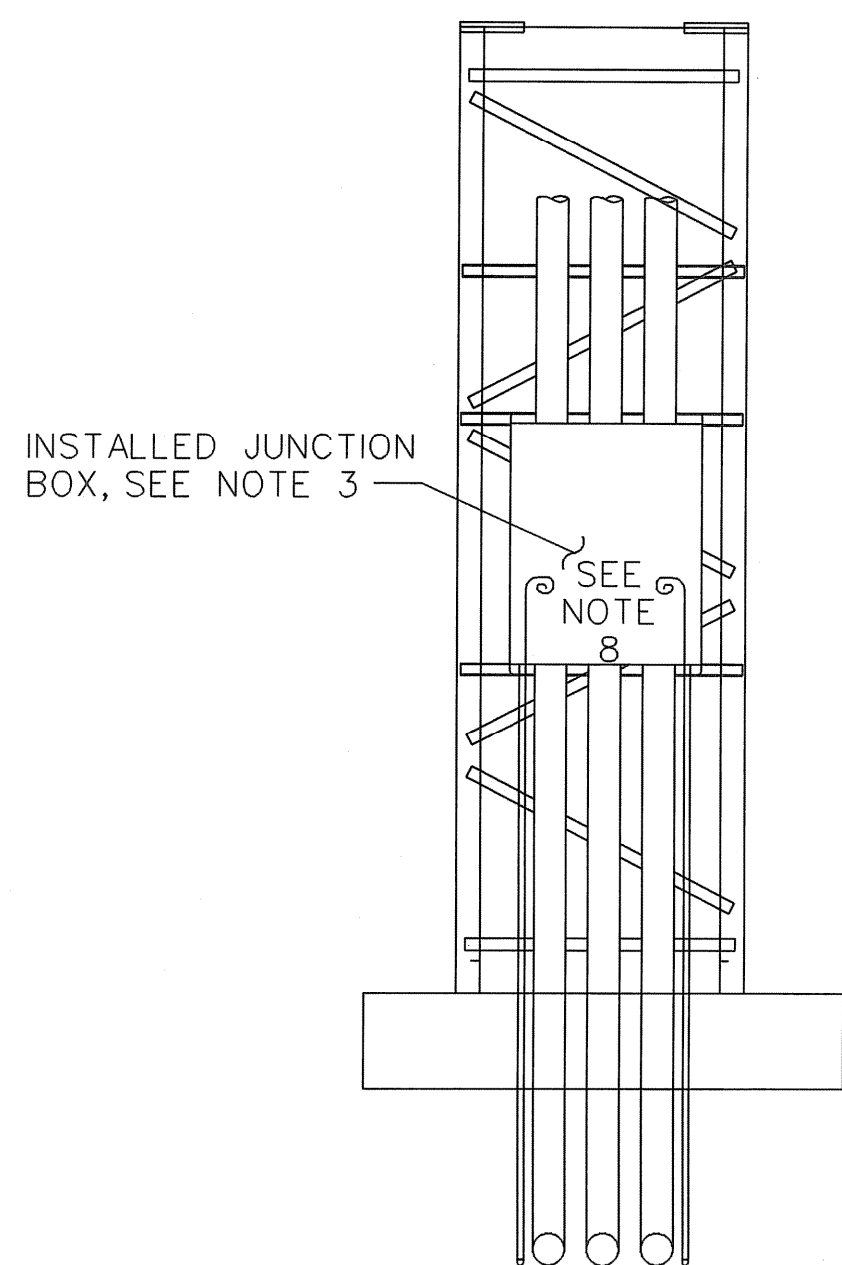


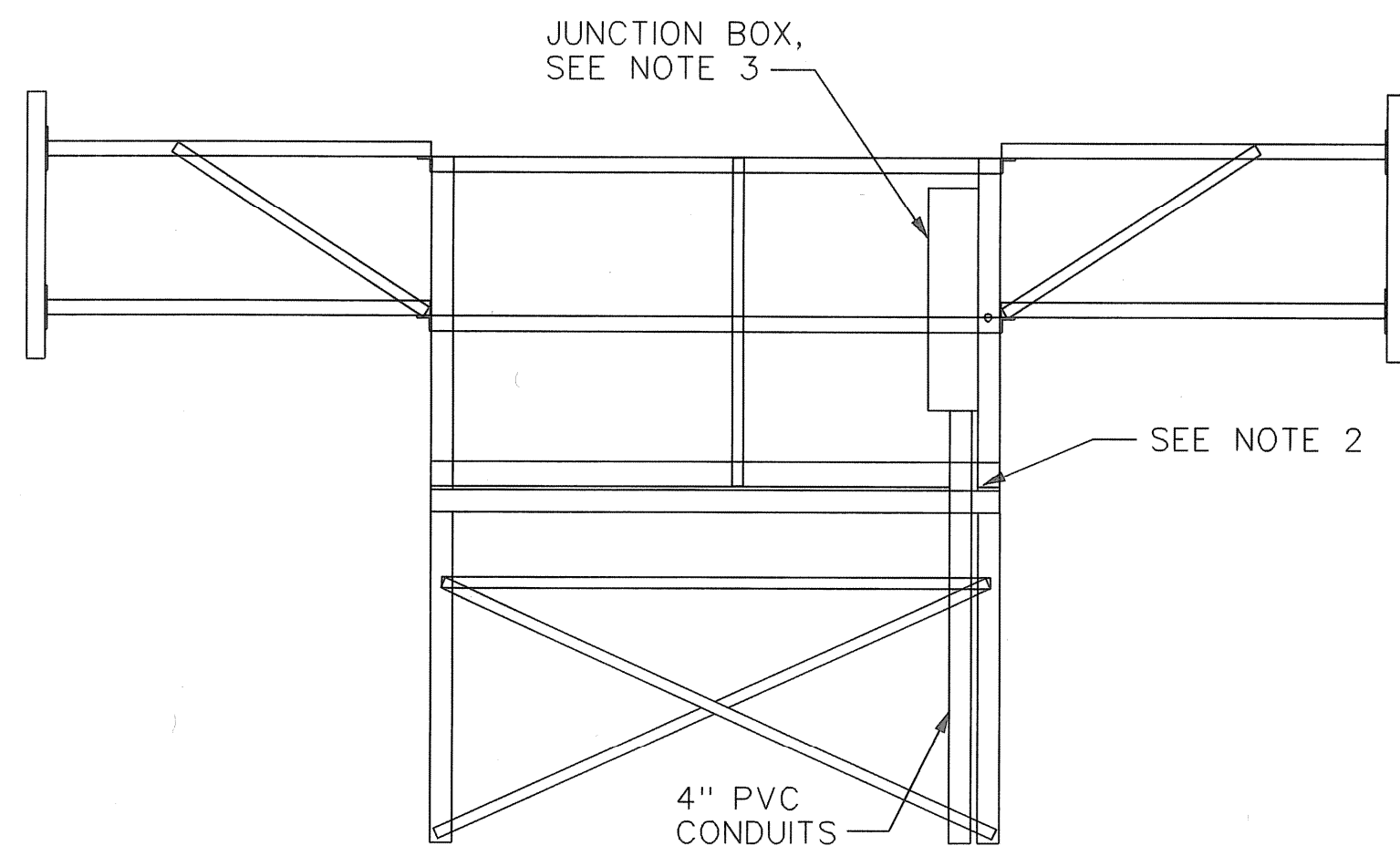
1 CONDUIT LAYOUT IN SLAB
E001 NOT TO SCALE



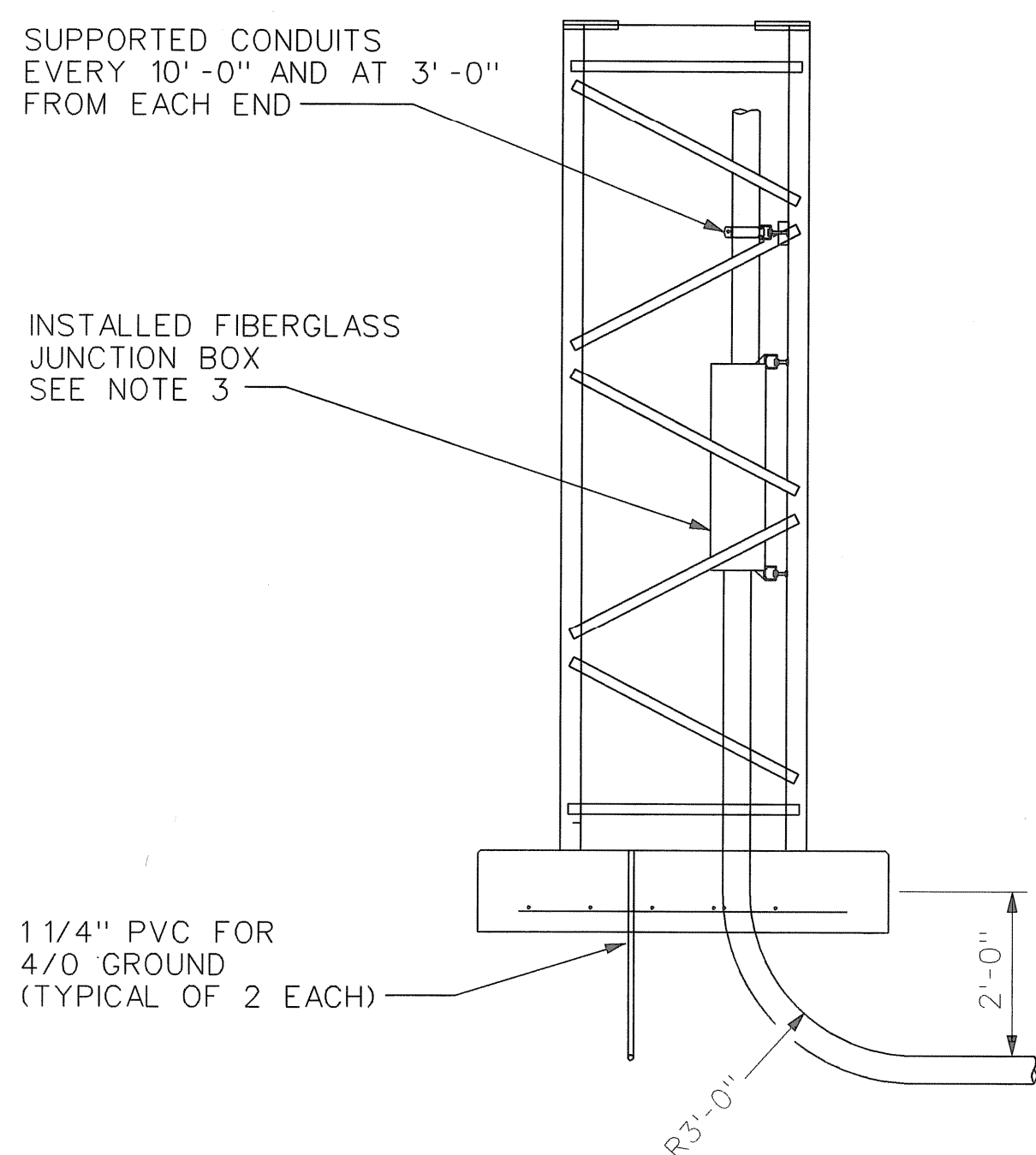
2 JUNCTION BOX ELEVATION
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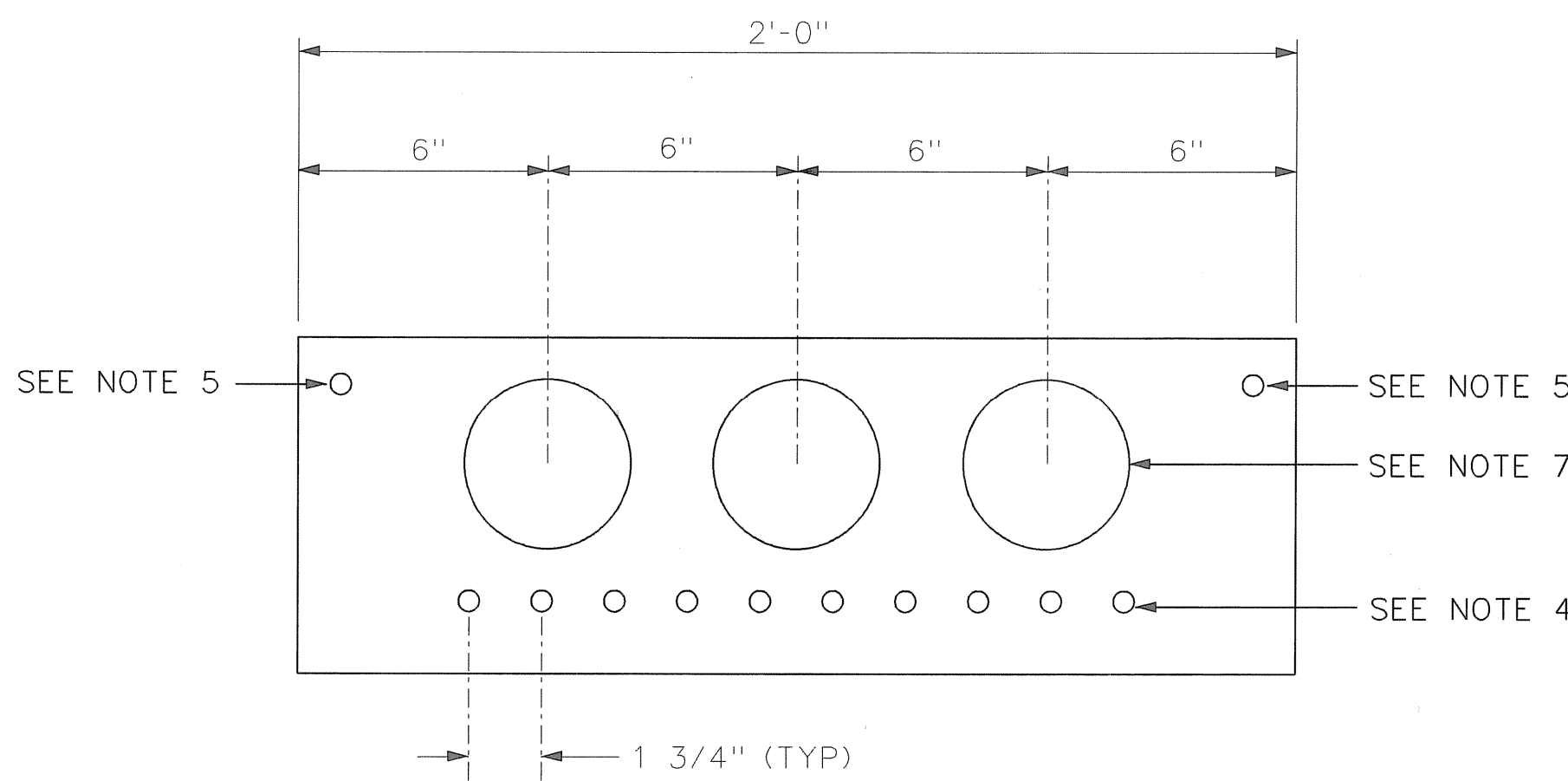
3 TOWER CONDUIT ELEVATION
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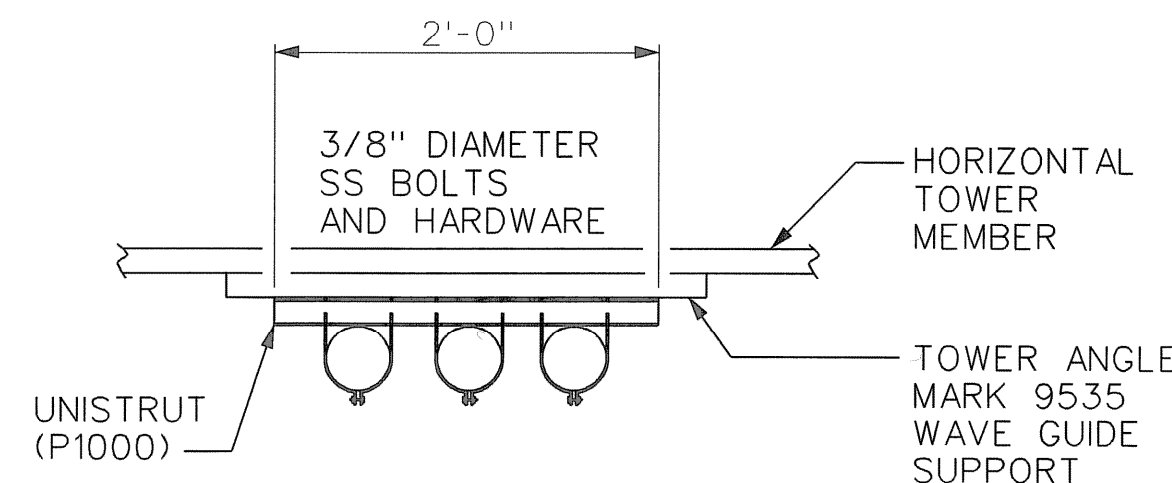
4 JUNCTION BOX SECTION
E001 NOT TO SCALE



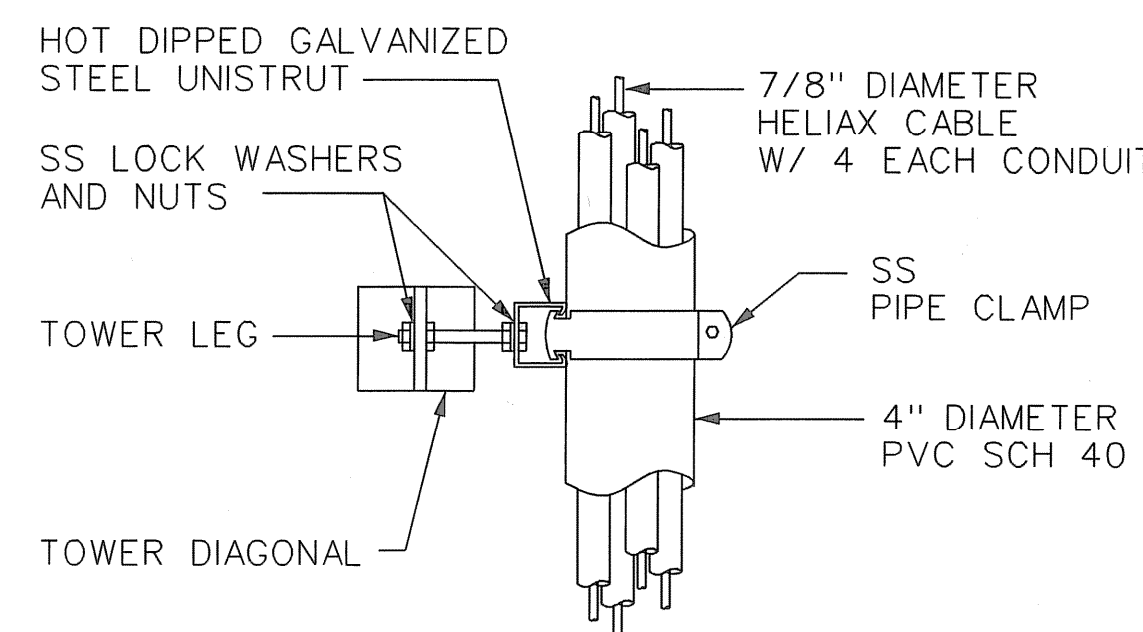
5 TOWER CONDUIT SECTION
E001 NOT TO SCALE



6 JUNCTION BOX HOLE LAYOUT
E001 SCALE: 3\"/>



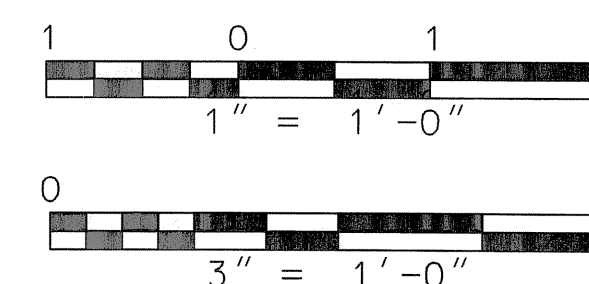
7 CONDUIT SUPPORT PLAN
E001 SCALE: 1\"/>



8 CONDUIT SUPPORT SECTION
E001 NOT TO SCALE

NOTES

1. THE 7/8" HELIAX CABLE MUST NOT BE BENT CLOSER THAN A 12" RADIUS.
2. CUT SECTION OF EXPANDED METAL GRATING AS REQUIRED TO ROUTE CONDUITS UP TO JUNCTION BOX. ALL CUT EDGES MUST BE COLD GALVANIZED. FRAME CUT OPENING WITH 2"x 2"x 1/4" ANGLE IRON, GALV.
3. CONTRACTOR SHALL INSTALL A 36"x 30"x 10" JUNCTION BOX (GFM) ON TOP OF EACH TOWER AND 30"x 24"x 10" JUNCTION BOX ON BOTTOM OF EACH TOWER (GFM) (FIBER-GLASS, NEMA 4X, ATTACH TO TOWER USING A STAINLESS STEEL UNISTRUT (P1000) FRAME AND STAINLESS STEEL BOLTS. VERIFIED BOX LOCATION WITH FAA RESIDENT ENGINEER.
4. CONTRACTOR SHALL INSTALL 12 EACH 1/2" DIA WATER TIGHT STRAIN RELIEF CONNECTORS (GFM) (T&B 2673) FOR CABLE INSTALLED BY OTHERS, IN THE BOTTOM OF THE JUNCTION BOX.
5. CONTRACTOR SHALL INSTALL 2 EACH 1/2" DIA STRAIN RELIEF CONNECTOR (GFM) FOR THE THOMPSON 32X FROM THE TOWER LOOP.
6. ALL CUT EDGES, CORNERS DRILLED HOLES AND OTHER ABRASIONED AREAS COLD GALVANIZED.
7. CONTRACTOR MUST FURNISH AND INSTALL 1 5/8"x 1 5/8" STAINLESS STEEL UNISTRUT 24" IN LENGTH TO THE ANTENNA TOWER AT THE PREFABRICATED ANTENNA TOWER HORIZONTAL ANGLES MARK 9535. THE 3 EACH 4"Ø CONDUITS ARE THEN FASTENED TO THE UNISTRUT WITH STAINLESS STEEL PIPE CLAMPS. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL. INSTALL 12 EACH 7/8" HELIAX, ANDREW P/N LDF5, WITH 4 EACH IN EACH PVC CONDUIT.
8. CONTRACTOR SHALL INSTALL 2- #4/Ø GROUND WIRE THROUGH 1 1/4" Ø PVC INTO EACH OF THE BOTTOM JUNCTION BOXES FOR GROUNDING BY OTHERS. THREE FEET OF WIRE COILED IN EACH BOX FOR USE BY OTHERS.



REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
<p align="center">DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</p> <p align="center">ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA</p> <p align="center">RCAG</p> <p align="center">TOWER CABLE SECTIONS AND DETAILS</p>					
<p>SARASOTA SARASOTA/BRADENTON INTL AIRPORT FL</p>					
REVIEWED BY	SUBMITTED BY	APPROVED BY			
	<i>[Signature]</i>	<i>[Signature]</i>			
DESIGNED	TWK	ISSUED BY		MGR: ENGINEERING - ATLANTA	
DRAWN	NXS	ENGINEERING SERVICES COMMUNICATIONS		DATE	04/01/2010
CHECKED				DRAWING NO	804826
				REV	1
				SRQ-D-804826-E001	